

IHOR HLOHOWSKYJ

Ecological and Geographical Sciences Section
Environmental Science Division
Argonne National Laboratory

Education:

Ph.D.	Zoology, Miami University, 1985
M.S.	Biology, John Carroll University, 1981
B.A.	Biology, Case Western Reserve University, 1977

Professional Experience:

11/88-Present	Ecologist, Ecological Risk Assessor Environmental Science Division, Argonne National Laboratory
---------------	---

Provide technical assistance to DOE, DOD and other federal agencies in the assessment and evaluation of the impacts of human activities on aquatic and terrestrial ecosystems. Assist these agencies in their compliance with federal environmental regulations, including the National Environmental Policy Act (NEPA), the Comprehensive Environmental Restoration and Cleanup Liability Act (CERCLA), and the Endangered Species Act (ESA). Duties include the preparation and management of environmental assessments and impact statements, wetland/floodplain assessments, and ESA biological assessments for NEPA compliance; the design and conduct of ecological risk assessments and preparation of work and sampling plans for baseline risk assessments, remedial investigations, and feasibility studies supporting CERCLA compliance. These activities typically include consultations with the U.S. Fish and Wildlife Service (FWS), the Army Corps of Engineers (COE), the U.S. Environmental Protection Agency (EPA), and state wildlife and natural resource agencies. Other activities include the development and conduct of risk assessment training, and assistance to the U.S. Navy and EPA in the development of risk assessment policy and guidance. Recent work has evaluated potential environmental effects of wind energy development in the West, oil and gas leasing and development in the Outer Continental Shelf, and oil and gas development in the Great Lakes.

1/99-2005	Manager, Ecological and Geographical Sciences Section Environmental Assessment Division Argonne National Laboratory
-----------	---

Responsible for supervisory activities related to the day-to-day operations of the Section, as well as assisting and supporting Section staff in maintaining and enhancing their technical capabilities. Specific duties include management of staff effort and project assignments,

assurance of technical quality of section produced products, staff evaluations, and proposal development.

1/88-10/88

Ecologist, Postdoctoral Appointee
Energy and Environmental Systems Division
Argonne National Laboratory

Responsible for evaluating potential environmental impacts associated with proposed and ongoing DOE and U.S. Air Force projects. Duties included data collection, analysis and interpretation, and report generation.

Summary of Previous Experience:

1986-1987

Ohio

Environmental Resource Associates, Inc., University Heights,

Project manager. Duties included project design, data collection, laboratory analysis of environmental samples, data analysis and interpretation, and report generation. Investigations included studies of fish impingement at coal-fired power plants, and of the dynamics of total suspended solids and heavy metal concentrations in the central basin of Lake Erie.

1985-1986

Miami University, Oxford, Ohio

Visiting assistant professor. Duties included teaching undergraduate courses in environmental biology, human physiology, and ecology.

Research Interests:

Research activities and interests include studies of habitat selection and resource partitioning in freshwater and terrestrial ecosystems, potential effects of climate change on freshwater fisheries resources in tropical environments, and ecological risk assessment modeling.

Professional Activities:

Science Advisory Board Member for the 19th (2003) and the 20th (2004) Annual International Conference on Contaminated Soils, Sediments, and Water; Navy Risk Assessment Working Group; DOE Natural Resource Damage Assessment Steering Committee; DOE Ecological Risk Assessment Working Group; member of American Fisheries Society and American Society of Ichthyologists and Herpetologists; Reviewer for *Soil and Sediment Contamination: an International Journal*, *Water, Air, and Soil Pollution*, *American Midland Naturalist*, *Transactions of the American Fisheries Society*, *Quarterly Review of Biology*, and *Copeia*.

Publications:

Author or co-author of 100+ journal, book, report, and conference publications and presentations.